

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070925AL\
 Data File : FC069407.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 19:53
 Operator : YP/AJ
 Sample : Q2517-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-14MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 10 03:41:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.676	5396087	31.235 ug/ml
Spiked Amount 50.000		Recovery =	62.47%
12) S 1-chlorooctadecane (S...	13.110	4458732	34.129 ug/ml
Spiked Amount 50.000		Recovery =	68.26%
Target Compounds			
1) T n-Nonane (C9)	3.410	5568585	39.155 ug/ml
2) T n-Decane (C10)	4.482	6407878	43.771 ug/ml
3) T A~Naphthalene (C11.7)	6.075	8344650	51.864 ug/ml
4) T n-Dodecane (C12)	6.505	7352721	48.557 ug/ml
5) T A~2-methylnaphthalene...	7.135	8285970	52.360 ug/ml
6) T n-Tetradecane (C14)	8.306	8128641	52.441 ug/ml
7) T n-Hexadecane (C16)	9.909	8730348	53.424 ug/ml
8) T n-Octadecane (C18)	11.355	8706783	53.327 ug/ml
10) T n-Eicosane (C20)	12.668	8717575	57.112 ug/ml
11) T n-Heneicosane (C21)	13.280	8221039	55.776 ug/ml
13) T n-Docosane (C22)	13.867	8005439	55.639 ug/ml
14) T n-Tetracosane (C24)	14.969	15533994	112.621 ug/ml
15) T n-Hexacosane (C26)	15.997	7261570	55.549 ug/ml
16) T n-Octacosane (C28)	16.945	6920151	56.111 ug/ml
17) T n-Tricontane (C30)	17.836	6705479	56.404 ug/ml
18) T n-Dotriacontane (C32)	18.667	6577259	60.156 ug/ml
19) T n-Tetratriacontane (C34)	19.452	6821045	70.636 ug/ml
20) T n-Hexatriacontane (C36)	20.194	6564847	79.658 ug/ml
21) T n-Octatriacontane (C38)	20.961	6661359	89.138 ug/ml
22) T n-Tetracontane (C40)	21.923	6568074	92.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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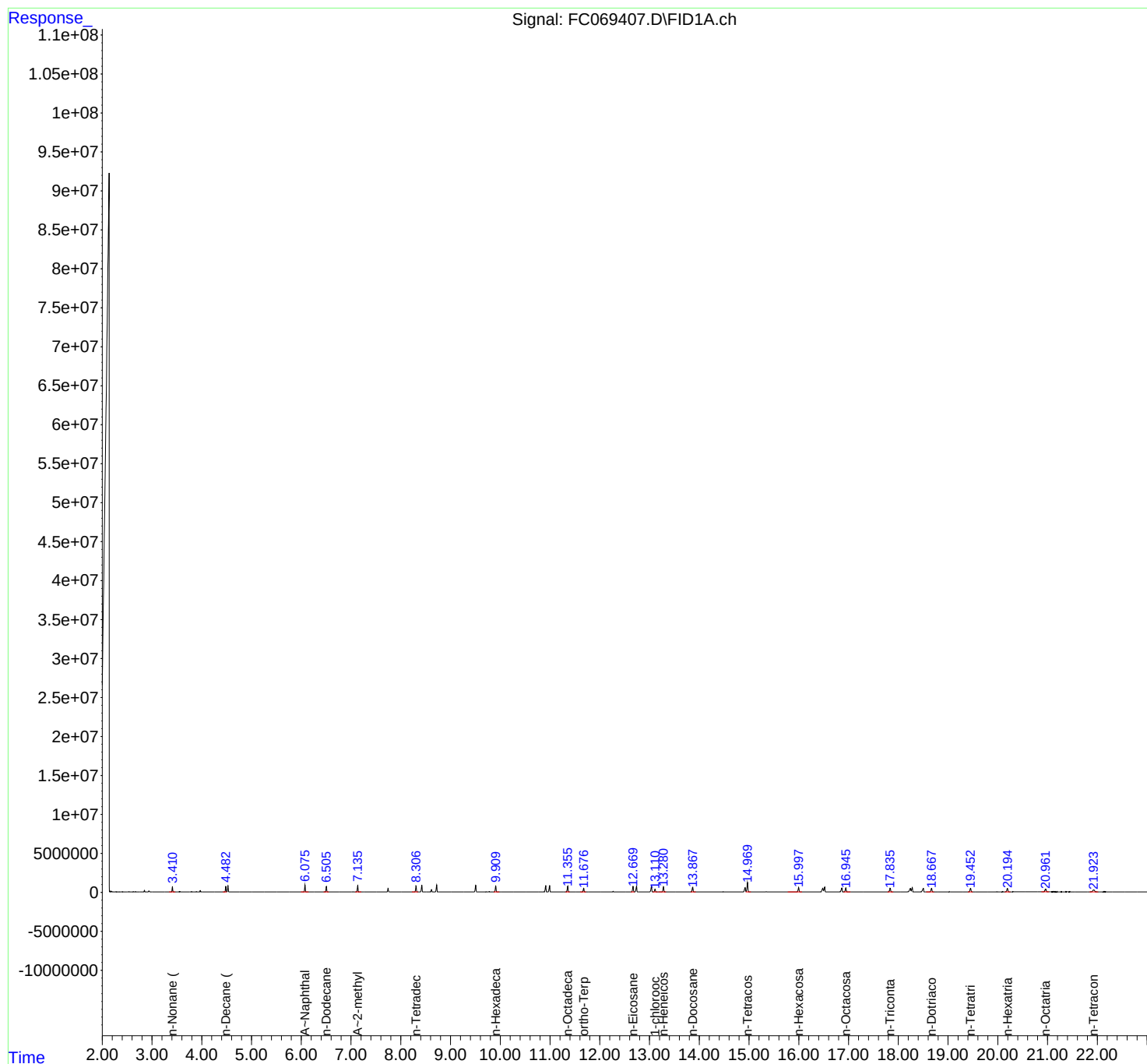
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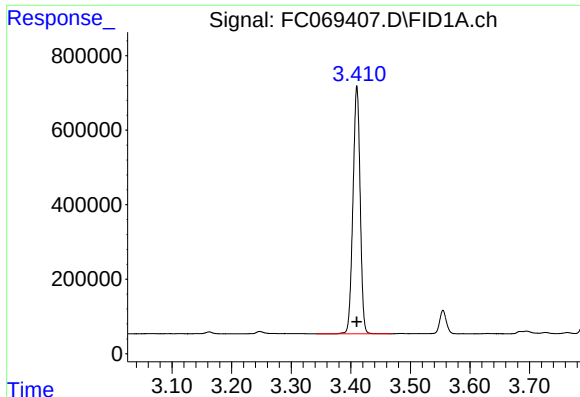
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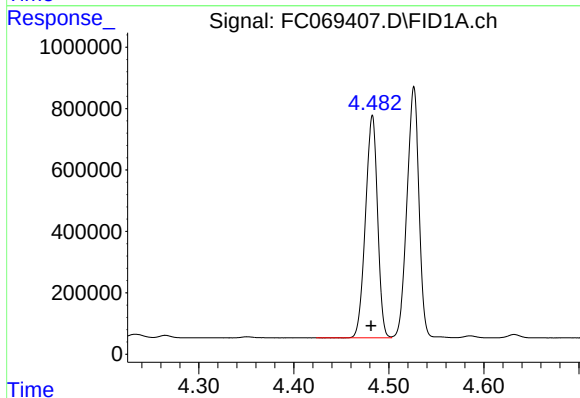
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 5568585
Conc: 39.16 ug/ml

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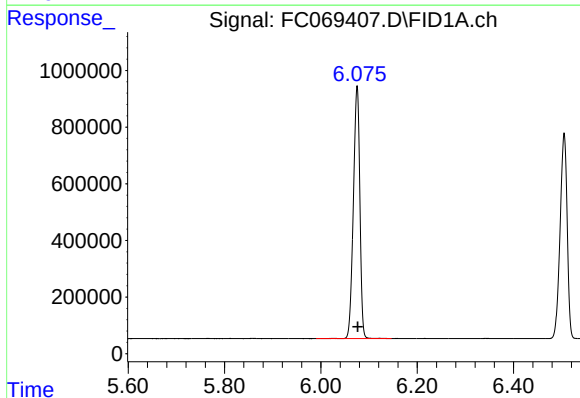
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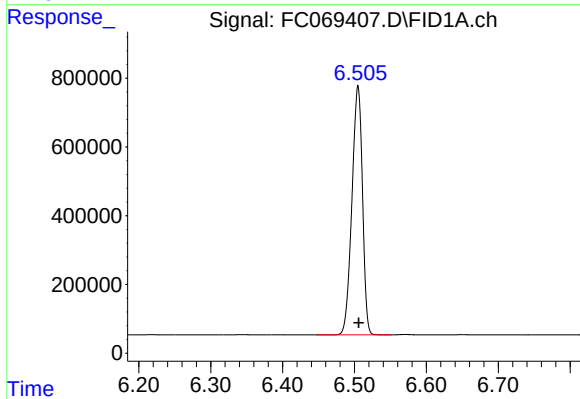
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 6407878
Conc: 43.77 ug/ml



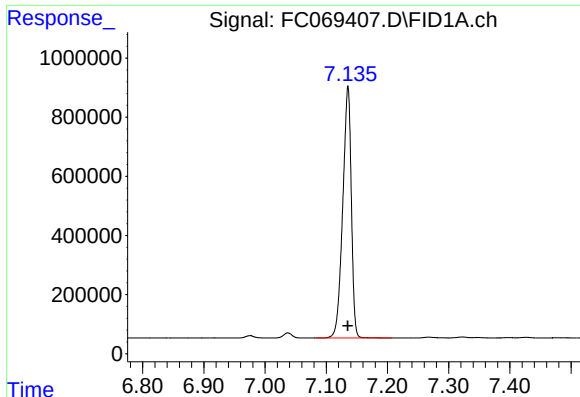
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 8344650
Conc: 51.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 7352721
Conc: 48.56 ug/ml



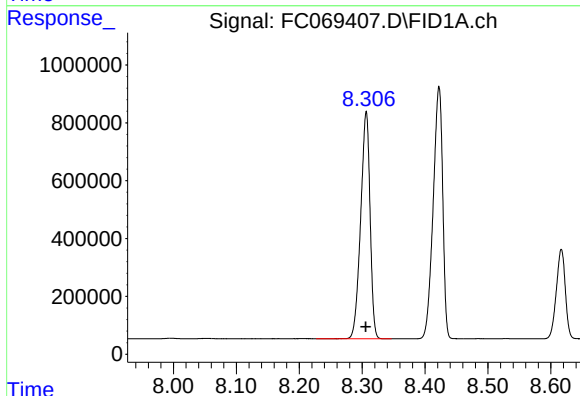
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 8285970
Conc: 52.36 ug/ml

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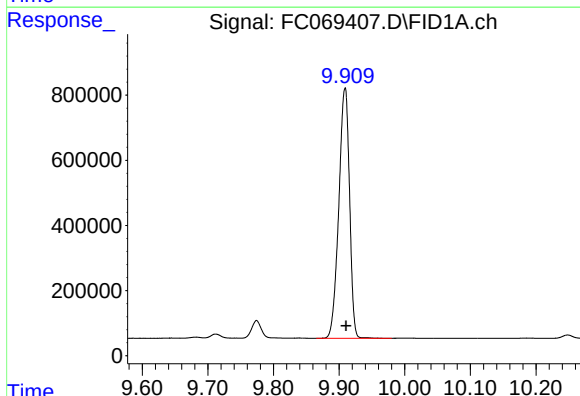
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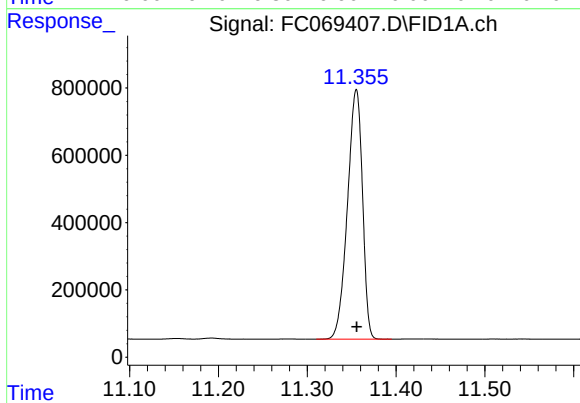
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 8128641
Conc: 52.44 ug/ml



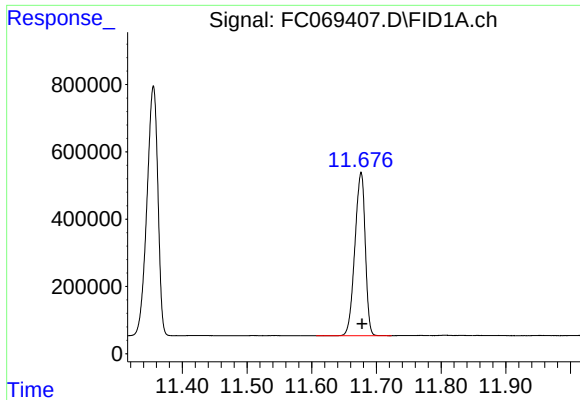
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.002 min
Response: 8730348
Conc: 53.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 8706783
Conc: 53.33 ug/ml



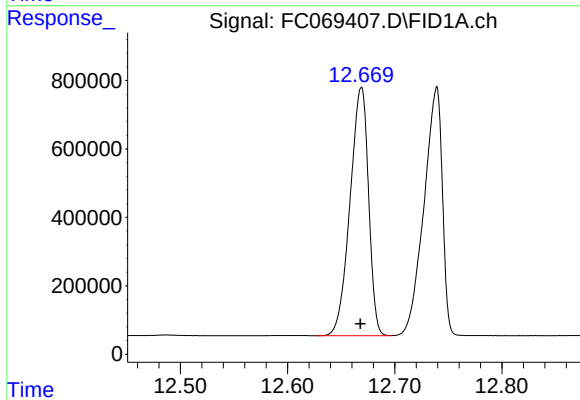
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 5396087
Conc: 31.23 ug/ml

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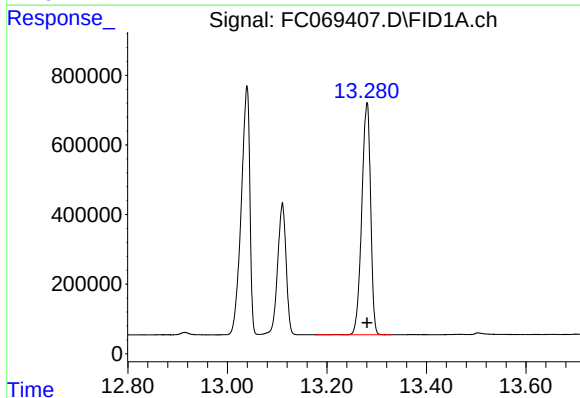
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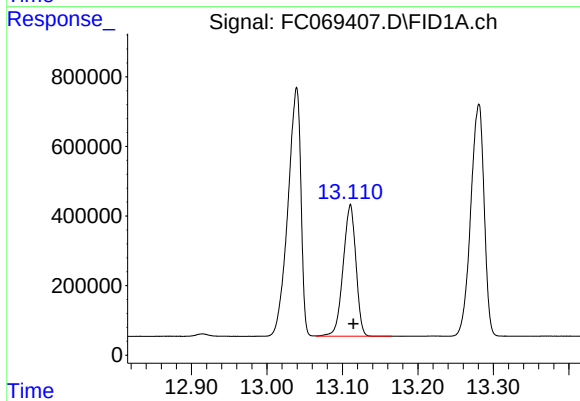
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 8717575
Conc: 57.11 ug/ml



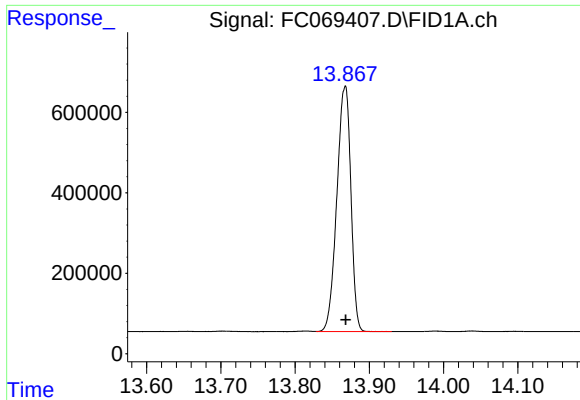
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 8221039
Conc: 55.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.004 min
Response: 4458732
Conc: 34.13 ug/ml



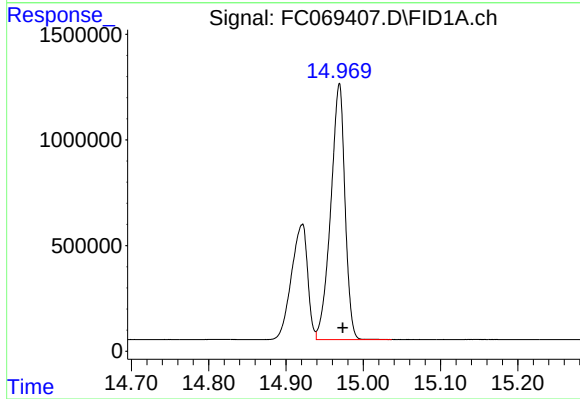
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: -0.001 min
Response: 8005439
Conc: 55.64 ug/ml

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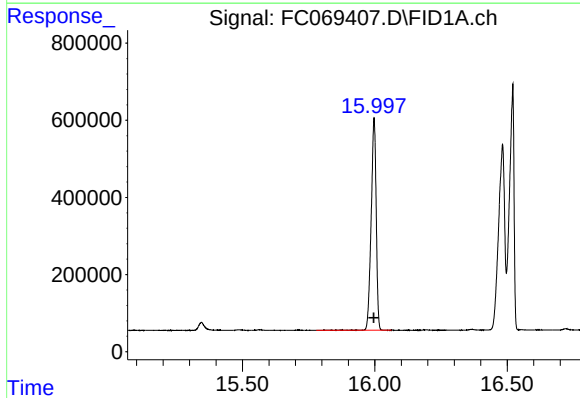
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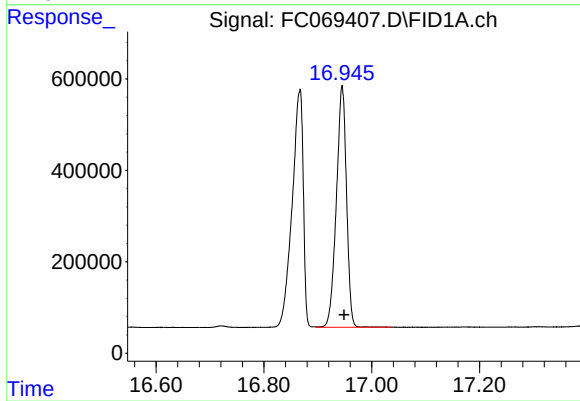
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.005 min
Response: 15533994
Conc: 112.62 ug/ml



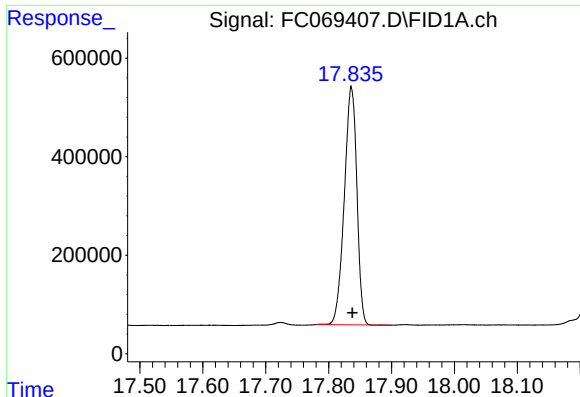
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 7261570
Conc: 55.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.003 min
Response: 6920151
Conc: 56.11 ug/ml



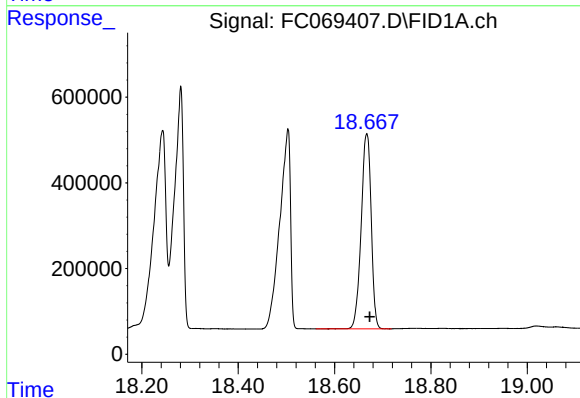
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: -0.001 min
Response: 6705479
Conc: 56.40 ug/ml

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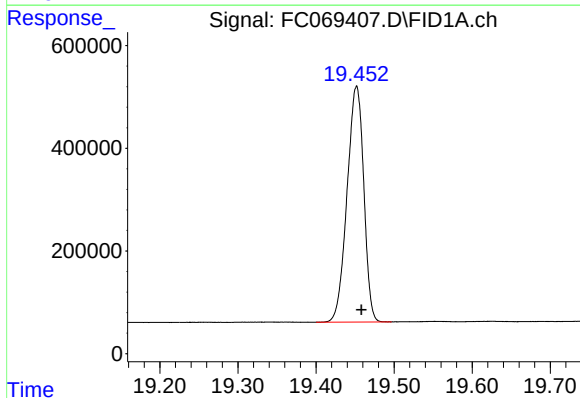
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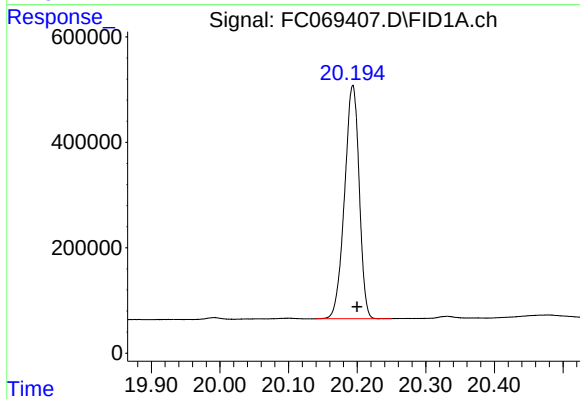
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 6577259
Conc: 60.16 ug/ml



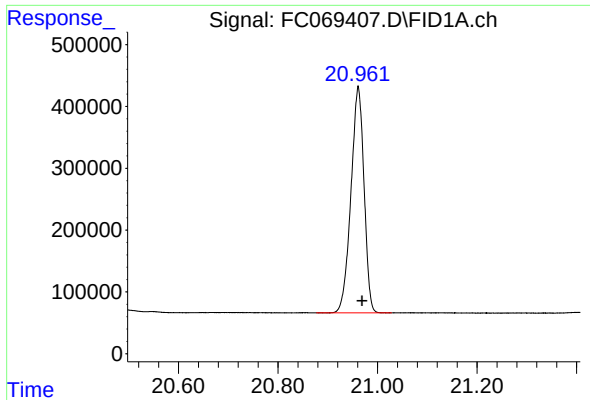
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.006 min
Response: 6821045
Conc: 70.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.006 min
Response: 6564847
Conc: 79.66 ug/ml



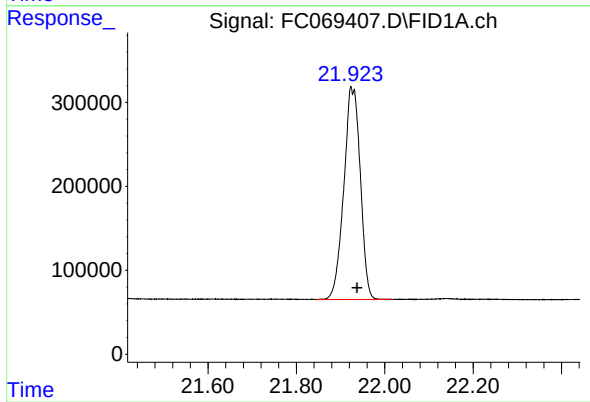
#21 n-Octatriacontane (C38)

R.T.: 20.961 min
Delta R.T.: -0.008 min
Response: 6661359
Conc: 89.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: -0.015 min
Response: 6568074
Conc: 92.75 ug/ml m